

# Statistical Issues

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## Confidence Interval Activity

### Part I

1. *Turn to item 41 in your local report.*  
What do the statistics suggest is the lowest and highest percentage of your students who think they will DEFINITELY NOT smoke a cigarette anytime in the next year?  
Lowest \_\_\_\_\_ Highest \_\_\_\_\_
2. *Turn to the Risk and Protective Factors in your report (pg. 30 secondary, 15 elementary).*  
What do the statistics suggest is the lowest and highest percentage of your students who are at risk for Low Commitment to School?  
Lowest \_\_\_\_\_ Highest \_\_\_\_\_

### Part II

3. *Turn to item 41 in your local report.*  
What do the statistics suggest is lowest and highest percentage of students in the state who think they will DEFINITELY NOT smoke a cigarette anytime in the next year?  
Lowest \_\_\_\_\_ Highest \_\_\_\_\_

Are the differences between your local students and the state statistics statistically significant? \_\_\_\_\_

What does this mean for your students?

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4. *Turn to the Risk and Protective Factors in your report (pg. 30 secondary, 15 elementary).*  
What do the statistics suggest is the lowest and highest percentage of students in the state who are at risk for Low Commitment to School?  
Lowest \_\_\_\_\_ Highest \_\_\_\_\_

Are the differences between your local students and the state statistics statistically significant? \_\_\_\_\_

What does this mean for your students?

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